

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Docket No. GP-301019

Inventors: NITINKUMAR RATILAL PATEL

Title: SYSTEM AND METHOD FOR ESTIMATING ROTOR POSITION OF  
A PERMANENT MAGNET MOTOR

**POWER OF ATTORNEY AND  
DESIGNATION OF CORRESPONDENCE ADDRESS**

As an agent of General Motors Corporation, General Motors of Canada Limited, General Motors Japan Ltd., General Motors Strasbourg S.A., and Saturn Corporation, one or more of whom is the assignee of this patent application, I hereby appoint the following attorney employed by General Motors Corporation to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

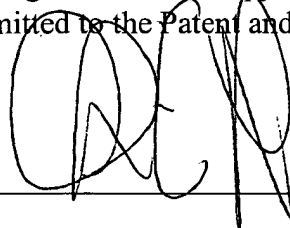
CHRISTOPHER DEVRIES (Reg. No. 44654)

Address all communications to:

CHRISTOPHER DEVRIES  
General Motors Corporation  
Legal Staff  
Mail Code 482-C23-B21  
P.O. Box 300  
Detroit, MI 48265-3000  
Telephone: 313/665-4969

I am authorized to make the above appointment. The assignee's ownership of this patent application is established by the attached assignment documentation, the attached documentation is a true copy of the original documentation, and the original or a true copy of the attached documentation has been or is concurrently being submitted to the Patent and Trademark Office for recording.

By: \_\_\_\_\_



Name: Charles E. Leahy – Agent

Date: February 26, 2002

2002-02-26 10:05:05

# ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GENERAL MOTORS CORPORATION, the entire right, title and interest, in all countries, in the improvements set forth in the United States patent application GP-301019 entitled

## SYSTEM AND METHOD FOR ESTIMATING ROTOR POSITION OF A PERMANENT MAGNET MOTOR

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney CHRISTOPHER DEVRIES to insert the application number and filing date of said application here in parentheses ( \_\_\_\_\_ filed \_\_\_\_\_ ) when known.

Inventor's signature

*Nitinkumar Ratilal Patel*

Date 02-21-02

Full name:

NITINKUMAR RATILAL PATEL

Declaration dated :

Residence:

~~BUENA PARK, CA~~  
CYPRESS

02-21-02

On this \_\_\_\_\_ day of \_\_\_\_\_, 2002, before me personally appeared NITINKUMAR RATILAL PATEL, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

(SEAL)

Notary Public

My commission expires:

County of Authorization:

*See Attached*

20020220-5558001

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Los Angeles

On Feb 21, 2002 before me, Susan Chute, Notary Public

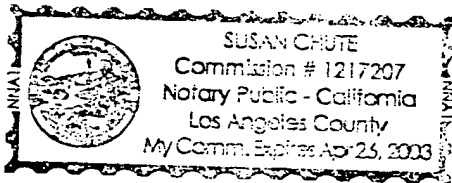
DATE

NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"

personally appeared Nitinkumar Lalilal Patel

NAME(S) OF SIGNER(S)

☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) (s) are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Susan Chute

SIGNATURE OF NOTARY

## OPTIONAL

Though the data below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent reattachment of this form.

### CAPACITY CLAIMED BY SIGNER

- ☒ INDIVIDUAL  
☐ CORPORATE OFFICER

TITLE(S)

- ☐ PARTNER(S) ☐ LIMITED  
☐ GENERAL  
☐ ATTORNEY-IN-FACT  
☐ TRUSTEE(S)  
☐ GUARDIAN/CONSERVATOR  
☐ OTHER: \_\_\_\_\_

SIGNER IS REPRESENTING:  
NAME OF PERSON(S) OR ENTITY(IES)

### DESCRIPTION OF ATTACHED DOCUMENT

Assignment # GP-301019

TITLE OR TYPE OF DOCUMENT

NUMBER OF PAGES

2/21/02

DATE OF DOCUMENT

SIGNER(S) OTHER THAN NAMED ABOVE